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# Social Hour

— Let's make the most out of your —  
free time

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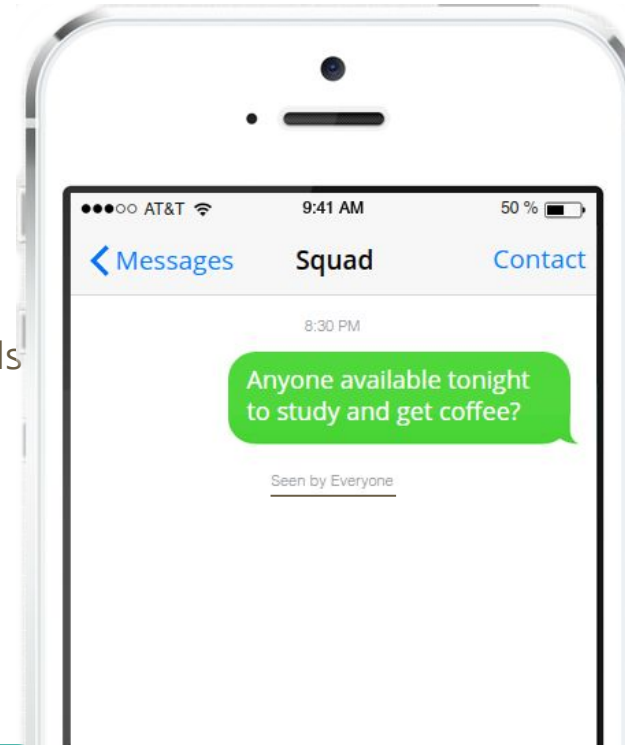
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# Team Members

- Michael Rinehart
  - Project Manager, Server Administrator
- Rocco Ordille
  - Server Administrator, Data Scientist
- Dylan Zeller
  - Software Engineer, Mobile Developer
- Gavin Sentak
  - User Experience Designer, Mobile Developer

# Problem Statement

- **Coordinating casual, impromptu hangouts are difficult**
  - Communication and coordination is inefficient and time-consuming
- **Many people are frustrated with the in-depth usage requirement of modern social networks**
  - Public needs a social platform that serves to **augment** social life, **not replace** it
    - Facebook, Twitter and Instagram revolve around feeds generating more content than needed
    - Once the user is finished using the tool, user experiences the benefits of the platform outside the app



# Project Scope - Cycle 1

- **Platform-agnostic Calendar Interface**
  - A calendar will be developed utilizing Google Calendar API to allow easy integration with other services
  - Calendar will allow users to plan their schedules and automatically update with upcoming events and availabilities of friends
- **Mobile Application**
  - An Android application will be developed using Android Studio and React Native to allow users to access the app and manipulate their accounts
- **Friend Lists/Groups**
  - Users will be able to add friends and join groups so users can be notified of upcoming events or invites from friends/groups

	Sun 2/5	Mon 2/6	Tue 2/7	Wed 2/8	Thu 2/9	Fri 2/10	Sat 2/11
GMT-05							
6am							
7am							
8am							
9am			9 - 9:59 Comp & Info 2300 RANDOL	9 - 9:59 Fundamentals of Physics II	9 - 9:59 Intro to Civic Engagement	9 - 9:59 Fundamentals of Physics II	
10am							
11am		11 - 12:59p Fundamentals of Physics II 820A DISQUE	11 - 12:59p Computer Programming II 326 RANDOL		11 - 12:29p Composition and Rhetoric II 954 CURTIS		
12pm							
1pm							
2pm			2p - 3:29p Linear Algebra II 456 CURTIS		2p - 3:29p Linear Algebra II 456 CURTIS		
3pm			3:30p - 4:59p Fundamentals of Physics II 159 PHSB	3:30p - 4:59p Ethics 4016 MACALS	4p - 5:59p Computer Programming I 449 UCROSS	3:30p - 4:59p Ethics 4016 MACALS	
4pm							
5pm							
6pm							
7pm							

# Project Scope - Cycle 1

- **Social Networking**

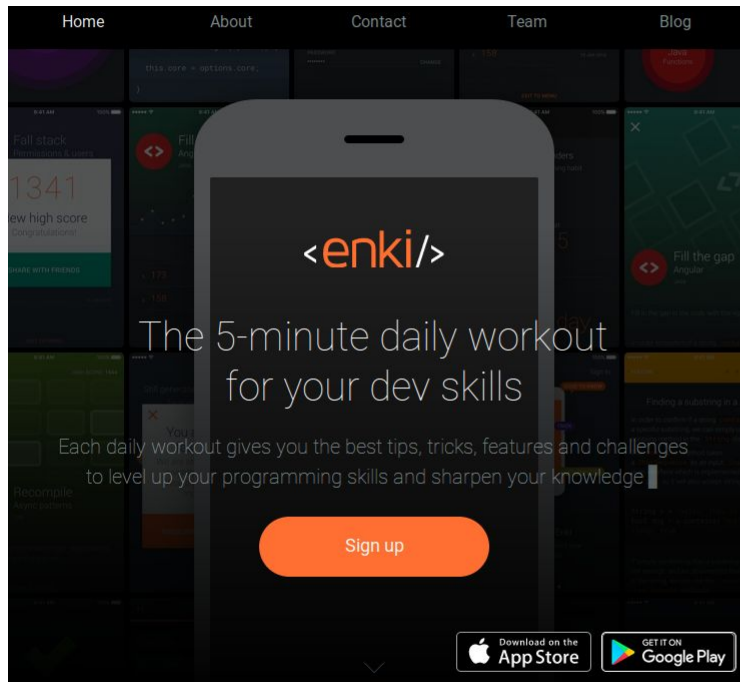
- users can tag their events with specific keywords and based on previous events attended Social Hour can recommend events with the use of tags
- Intense data analytics will be employed to suggest possible friend groups based on types of events attended, mutual friends, and group membership

- **Database/Server**

- A MongoDB installation (hosted on the Drexel Server) will be implemented to store user data
- We plan on using RoboMongo to interface with the data storage

# Project Scope - Cycle 1 Stretch Goal

- **Advertising Placeholder Website**
  - Links to Google Play and later App Store
  - Pages:
    - Short bios for each team member
    - Blog regarding status updates regarding the project
    - Sign up for an email list regarding status updates
    - Link to potential KickStarter or GoFundMe



# Project Scope - Beyond Cycle 1

- **iOS application**
  - Placed into future plans due to monetary and license costs
  - We plan on using further funding to target iOS as a platform, with iPad, iPhone and Apple Watch support
- **Fully functional desktop client**
  - Placed into future plans due to time constraints
  - We aim to develop both a website front-end and a web-based client for desktop users to provide seamless integration of accounts between all three major platforms

[illegible]

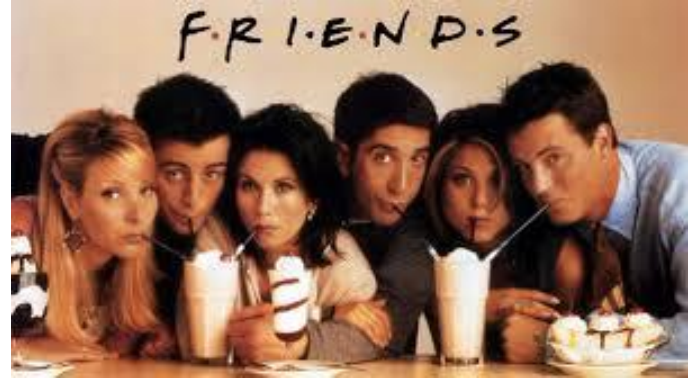


# Resources Required

- Minimum, to get Social Hour started:
  - Google Play Developer registration (one-time fee of 25\$)
  - Domain registration for Social Hour's website (10-40\$)
  - Server hosting of MongoDB for database management
- Eventually:
  - Apple Macbook with XCode installed to target iOS (already achieved)
  - App Store Developer registration (100\$ per year) to target iOS
  - Server hosting of full website with identical functionality to mobile app



# Key Concepts



- Events
  - Individual Scheduled blocks of time
- Permission System
  - Each event has a permission level
  - At the user's preference different people can see different details regarding the event
- Friends
  - People that have elevated privacy privileges
  - Your friends list is anonymous, unless you're mutual friends with an individual
- Groups
  - Users can join groups that revolve around classes, entire universities, clubs, friend groups (known as "squads" in the application) and fraternities / sororities

# Target Users

- Initial Target Users: University Students
  - Possibility of users to join multiple hierarchies of groups (universities, courses, sections, etc.) allows for universities as a whole to develop a social network that can augment classroom procedures, including allowing students to share notes and coordinate study sessions and lab completion times
  - However, as Social Hour grows we plan on targeting users belonging to any organization
- End Goal: Implementation of Social Hour on a larger scale
  - Entire organizations will be able to implement the platform, establishing an official hierarchy of groups for users to join, and automatically schedule mandatory events (such as class times, company meetings, etc.)

# Project Activities

- **Develop a database to manage all of the user data**
  - MongoDB & RoboMongo - Document-oriented database software
  - Both technologies published under the GNU AGPL and the Apache License
- **Develop an Android application as a front-end for the service**
  - Google Calendar - dependence, then augmentation
  - Android Studio, with Android Development Kit
- **Test UX with users**
  - Distribute application prototype throughout students and intended client base
  - Incorporate feedback into UX design and application optimization



# Image Sources:

- <http://blog.westmonroepartners.com/10-ways-to-improve-your-next-cx-survey/>
- <http://www.tv.com/shows/friends/>
- [https://pixabay.com/p-970340/?no\\_redirect](https://pixabay.com/p-970340/?no_redirect)
- <https://www.enki.com/>
- <https://calendar.google.com/calendar>
- <http://www.ios7text.com/>